

POKORNY, Ota

Notes on the formation of the Komorany Lake. Sbor zem 68 no.1:52-57.
'63.

POKORNY, Ota

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Sbornik Ceskoslovenske Spolecnosti Zemepisne, Vol 66, No 4, 61, pp 379-380.

Data: Wonders of the Old Prague (Divy stare Prahy). Prague, Mlada Fronta Publishing House, 1960. 344 pages. 2d ed.

Author: STREIT, Jiri

Reviewer: POKORNY, Ota

GPO 981643

POKORNY, Otakar, inz.

Auxiliary replacement scheme of parametric admittance.
Slaboprouty obzor 25 no. 2: 108-109 F '64.

POKORNY, Otakar, inz.

Determining the coefficients of linear equation systems for currents
with parametric admittance. Slaboproudý obzor 24 no.3:179-180 Mr '63.

POKORNY, Otakar, inz.; MIKULA, Vladimir, inz.

Use of auxiliary schemes for analysis of transmission systems
with parametric two-pole networks. Slatoproudý obzor 25
no.9:537-542 S '64.

Direct parametric amplifier with capacitance diode. Ibid.:555-556

POKORNY, R.

POKORNY, R. Effect of standardization of shapes on quality of refractory materials.
p. 53

Vol. 34, no. 2, Feb. 1956

STAVIVO

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no, 2, 1957

POKORNY, R.

Values of materials for computing parts of power installations. p. 405.

(Strojirenstvi. Vol. 7, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CZECHOSLOVAKIA

R. POKORNY, Psychiatric Hospital (Psychiatricka lecebna) Horni
Berkovice.

"Treatment of Pulmonary Edema During the Course of Post-Hypoglycemic
Coma."

Prague, Ceskoslovenska Psychiatrie, Vol 58, No 6, 1962; pp 411-413.

Abstract: Report about 2 cases which could be saved, apparently due
to timely administration of intravenous prednisone derivative. The
mechanism of effect is discussed. No references.

POKORNY, R.

Treatment of pulmonary edema in the course of posthyglycemic coma.
Cesk. psychiat. 58 no.6:411-413 D '62.

1. Psychiatricka lecebna v Hornich Berkovicich.
(PULMONARY EDEMA) (HYPOGLYCEMIA) (DESOXYCORTICOSTERONE)

POKORNY, R., ing.

A course on temperature control in creeping tests in Plzen. Hut
listy 17 no.12:906-907 D '62.

ACCESSION NR: AP4042273

Z/0032/64/014/007/0518/0523

AUTHORS: Koutsky, J. (Docent,engineer); Pokorny, R.,(Engineer); Sachova, E. (Engineer)

TITLE: New chrome steel for steam turbine blades

SOURCE: Strojirenstvi, v. 14, no. 7, 1964, 518-523

TOPIC TAGS: chromium steel, corrosion resistance, high temperature steel, turbine blade, turbine blade machining, thermal conductivity

ABSTRACT: A new T-60 steel is described (Cs. patent 103710), developed for the blades of a 200 MW steam turbine at the V. I. Lenin plant. Its required mechanical properties are $\sigma_{kt} = \text{min. } 70 \text{ kp/mm}^2$ and $R_M = 5\text{--}6 \text{ mkp/cm}^2$ and good electrochemical corrosion resistance. The chemical composition is:

Card 1/6

ACCESSION NR: AP4042273

C	Mn	Si	P	S	Cr	Ni	Mo	W	V	Ti
0,20	max.	max.	max.	max.	11,5	1,3	0,40	0,60	0,15	0,30
0,25	0,80	0,60	0,035	0,035	12,5	1,8	0,60	1,00	0,25	0,50

Also described are the heat treatment procedure, the mechanical properties of T-60 between 50 and 200C, and its physical properties. The thermal conductivity was measured by a comparison method. Young's modulus was measured by a dynamical method in the 20--600C range. A fatigue test was carried out on a Schenck-type setup. Corrosion resistance was tested by a method developed at the Vyzkumny Ustav CKD Blansko and is compared with that of other materials. The technology of producing large blades and the results of a detailed study of the mechanical properties of four blades are described. Orig. art. has: 13 figures and 6 tables.

ASSOCIATION: Vyzkumny a zkusebni ustav ZVIL, Plzen (Research and

Card 2/6

ACCESSION NR: AP4042273

Experimental Institute ZVIL)

SUBMITTED: 00

ENCL: 03

SUB CODE: MM, PR

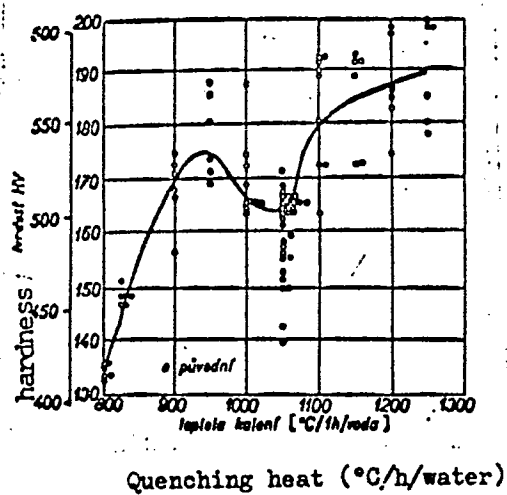
NR REF SOV: 000

OTHER: 007

Card 3/6

ACCESSION NR: AP4042273

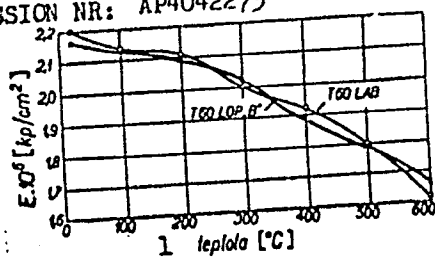
ENCLOSURE: 01



Card 4/6

ENCLOSURE: 02

ACCESSION NR: AP4042273



Effect of heat on modulus of elasticity

- 1- heat
- 2-mod. of elast.
- 3-lab. melt
- 4-production melt, blade B

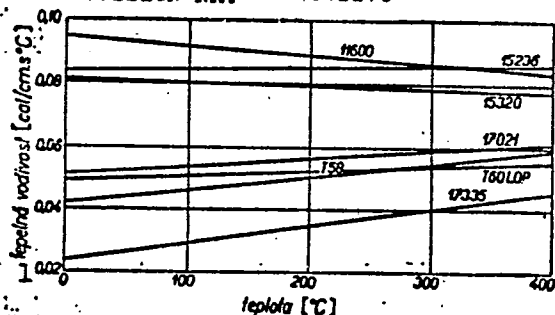
1 Teplota [°C]	2 Modul pružnosti E [kp/cm²] · 10⁴		4 Provozni stavba lopatka B
	3 Laboratorní stavba		
20	2,2007		2,1603
100	2,1472		2,1381
200	2,1120		2,09199
300	2,0010		2,0232
400	1,9203		1,9312
500	1,7947		1,7962
600	1,6209		1,5713

Card

5/6

ACCESSION NR: AP4042273

ENCLOSURE: 0.3



Thermal conductivity vs. heat

- 1 - thermal conductivity
- 2 - heat
- 3 - material

Card 6/6

3 Material	2 Templota [°C]					
	0	50	100	200	300	400
CSN 15 236	0,0836	0,0840	0,0842	0,0847	0,0852	0,0858
CSN 11 600	0,0951	0,0936	0,0922	0,0895	0,0866	0,0838
CSN 15 320	0,0815	0,0810	0,0805	0,0794	0,0783	0,0772
CSN 17 021	0,0516	0,0528	0,0540	0,0565	0,0590	0,0614
CSN 17 335	0,0235	0,0263	0,0292	0,0349	0,0406	0,0464
T 58	0,0423	0,0444	0,0465	0,0507	0,0549	0,0591
T 60 lop.	0,0496	0,0504	0,0510	0,0525	0,0542	0,0557

ACCESSION NR: AP4037456

Z/0032/64/014/005/0378/0381

AUTHOR: Pokorny, R. (Engineer)

TITLE: High-temperature shear tests

SOURCE: Strojirenstvi, v. 14, no. 6, 1964, 378-381

TOPIC TAGS: shear stress, shear test, high-temperature shear test, turbomachinery, steam turbine, turbine blading, turbine blade root, material testing, turbine blade locking pin, locking pin material

ABSTRACT: The moving blades in high and medium pressure steam turbines are equipped with fastenings (roots) which are used to root the blades into the rotor wheel slots. When rooting in, the blades are usually fastened at two opposite points, and the shrouded blades have to be stiffened by one or two pins. The designer is faced with a complex problem when designing these pins. From a design point of view, he cannot select several pins or one with a large diameter in order not to weaken the joint between the blade and rotor. There are no material data for calculation and selection of permissible shear stress at high temperatures. The author therefore carried out shear stress tests on materials which are used for these pins. The material was to be used for turbines of a power of 100, 110 and 200

Card 1/3

ACCESSION NR: AP4037456

megawatts with steam input temperature of 565 and 580 C. K-60, 15-320, T-58, and EI 437 steels were tested. When the pin is stressed with a hot-shear, the shear stresses are distributed unevenly across the cross section and additional bending stresses appear. The following relation was found for the hot shear strength and creep strength

at 550 C: $\tau_{TPs} = 0.70 \text{ to } 0.75 \sigma_{Tpt}$.

at 600 C: $\tau_{TPs} = 0.60 \text{ to } 0.65 \sigma_{Tpt}$.

where τ_{TPs} is hot shear strength and σ_{Tpt} is creep strength. It should be noted that the above values do not correspond to pure shear, for they also include the effect of the additional bending stress which originates at high temperatures. In practice, the bending component is replaced by the choice of a permissible shear stress which will not lead to fracture or larger deformation. Hence, this ratio will have a higher value. These shear tests should be taken as only a rough approximation when establishing hot shear and tensile stress ratios. Orig. art. has: 9 equations and 3 tables.

ASSOCIATION: ZVIL, Plzen

SUBMITTED: 00

DATE ACQ: 03Jun64

ENCL: 00

Card 2/3

ACCESSION NR: AP4057456

SUB CODE: AS, PR

NO REF SOV: 000

OTHER: 005

Card 3/3

POKORNY, R., inz.

Skoda 21 MW turboset after 164, 767 operating hours.
Strojirenstvi 13 no. 12: 956-962 D '63.

1. Zavody V. I. Lenina, Plzen.

AUTHOR: Pokorný, Richard, Ing. CZECH/34-59-5-11/19
TITLE: Properties of Cr-Mo-W-V Refractory Steels (Vlastnosti
žárupevných ocelí Cr-Mo-W-V)
PERIODICAL: Hutnické Listy, 1959, Nr 5, pp 442-448 (Czechoslovakia)
ABSTRACT: As a result of investigations in the Research Institute of the Skoda Works, it was found that in the case of Cr-W-V steels high temperature strength values can be obtained which are equal to those of the steels Cr-Mo-V (the quantity of other alloying elements being equal in both cases) provided Mo is substituted by 2.5 to 3 times the quantity of W. A comparison of the high temperature (500 and 550°C) strength values of three representative steels is given in Table 1. It was found that for steels with equal "equivalent molybdenum" contents those alloyed with a larger number of elements have higher creep strength values than those alloyed with a smaller number of alloying elements. On the basis of the knowledge gained in these experiments, complex alloyed steels containing Cr, Mo, W and V were developed for Card 1/2 which patent applications have been made. The experiments ✓

CZECH/34-59-5-11/19

Properties of Cr-Mo-W-V Refractory Steels

and the experimental results are described, giving data on the composition, heat treatment, structure and strength tests and also of relaxation tests. The results can be summarised thus: The steel Skoda T56 (0.25-0.50% C, 0.20-0.25% Mn, 0.25-0.50% Si, 1.00-1.50% Cr, 0.30 max Ni, 0.45-0.65% Mo, 0.40-0.70% W, 0.65-0.85% V, 0.06 max P+S) with a total quantity of alloying elements of about 3% has a sufficiently high quality to permit its utilisation for manufacturing forgings and castings for steam turbines of 100 and even 200 MW ratings with initial steam temperatures of 570°C. Detailed data on this series of steels are given in Table 5, p 448 and in Fig 10, which gives the Larson and Miller diagram for the steel T56.

There are 10 figures, 5 tables and 14 references, 12 of which are Czech, 2 German.

ASSOCIATION: Výzkumný a zkušební ústav ZVIL Plzeň (Research and Test Institute, V. I. Lenin Works, Pilsen)

SUBMITTED: March 2, 1959 ✓

Card 2/2

Z/046/61/000/004/001/009
D007/D102

AUTHORS: Koutský, J., Engineer, Candidate of Sciences, Pilous, V.,
Engineer, Candidate of Sciences, and Pokorný, R., Engineer

TITLE: Experiences of the LZ in the development of modified 12%
chromium steels for steam- and gas-turbine parts.

PERIODICAL: Zváračský sborník, no. 4, 1961, 353-371

TEXT: The article describes the properties and behavior of T 58 and T 59
steel types, developed by the Leninovy zavody (Lenin Works) in Plzeň for
forged and cast steam- and gas-turbine parts with operating temperatures up
to 600°C. The T 58 steel is a martensitic, heat-treatable, high-chromium
steel with the following chemical composition: 0.16 (0.20)% C, 11.5
(12.5)% Cr, 2.0 (2.5)% W, 0.15 (0.25)% V, 0.5 (1.0)% Ni. Mechanical
properties of this steel type were tested after different heat treatments
and compared with other steel types, such as 13% chromium steel, TBW 50,
HDM, ČSN 15 120, EI 437, and some other foreign steels. Corrosion tests

Card 1/4

Experiences of the LZ in the ...

Z/046/61/000/004/001/009
D007/D102

were made in cooperation with the SVUOM and the Výzkumný ústav energetický (Power Engineering Research Institute). Four gas-turbine disks, each weighing 1 ton, were forged from the T 58 steel. After the first forging operation, deep cracks developed originating in internal stress. The heat treatment of ingots and forgings was, therefore, modified so that holding at the recrystallization temperature of 680-700°C was preceded by heating to the A_{c1} temperature of 850-870°C and subsequent cooling to 300°C. After this heat treatment, only minor cracks were found in the region of forging allowance. The notch toughness in the disk hub, which originally ranged near minimum permissible values or even below, could be improved by increasing the quenching temperature. The T 59 steel is a transition type between the classical 12% Cr steel and the high-temperature steels, and has the following chemical composition: 0.10 (0.15)% C, 11.5 (13.5)% Cr, 0.5 (0.8)% W, 0.10 (0.20)% V, 0.5 (1.0)% Ni. The physical properties of this steel type were also investigated in laboratory tests, and three different gas-turbine casings were cast, the largest weighing 3.5 tons. The surface after sand-blasting was considerably better than that of

Card 2/4

Experiences of the LZ in the ...

Z/046/61/000/004/001/009
D007/D102

classical 13% Cr-steel castings. All other mechanical properties were satisfactory. Extensive tests were performed to determine the weldability of T 58 and T 59 steels. Electrodes must be used which, under operating temperatures, have mechanical properties similar to those of the parent metal. Tests were performed with the available austenitic E 391 and E 891 electrodes, but cracks were observed in the decarbonized transition zone between the weld and the parent metal. New E 58 and E 58 M electrodes were, therefore, developed by the Lenin Works in cooperation with the electrode shop of the VZKG which are suitable for welding both T 58 and T 59 steels. The weld metal of these electrodes is free from cracks, has the same creep strength at 600°C as the parent T 58 metal, and the following chemical composition: 0.16% C, 0.33% Si, 0.61% Mn, 11.7% Cr, 2.1% W, 0.46% V, 1.0% Ni, 0.014% P, and 0.011% S (VZKG E 58 electrode), and 0.17% C, 0.27% Si, 0.50% Mn, 11.7% Cr, 2.2% W, 0.45% Mo, 0.31% V, 1.1% Ni, 0.018% P, and 0.016% S (VZKG E 58 M electrode). The E 58 electrode is applicable to welds up to 35 mm thick, while thicker welds require intermediate heating. The E 58 M electrode is suitable for welds thicker

Card 3/4

Experiences of the LZ in the ...

Z/046/61/000/004/001/009
D007/D102

than 35 mm without intermediate heating and produces a weld metal of greater notch toughness than the E 58 electrode. Notch toughnesses, tested according to the VUS 2S weldability method, show satisfactory values for both E 58 and E 58 M electrodes. There are 23 figures, 6 tables and 15 references; 13 Soviet-bloc and 2 unidentified. (Technical Editor: Doctor A. Zapletalek of the VUZ Bratislava)

ASSOCIATION: ZVIL Plzeň

Card 4/4

POKORNY, R., inz.

Shear tests at high temperatures. Strojirenstvi 14 no.5:378-381
My '64. (MIRA 17:4)

1. Zavody V.I.Lenina, Plzen.

3 8682

S/123/62/000/012/010/010

A004/A101

18.11.57

AUTHORS: Koutský, J., Pilous, V., Pokorný, R.

TITLE: Developing modified steels with 12% Cr for steam and gas turbine parts at the Plants im. V. I. Lenin at Plzen (Republic of Czechoslovakia)

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1962, 4 - 5, abstract 12G28 ("Zvárač. sb.", 1961, v. 10, no. 4, 353 - 371, Czech; Russian, German and English summaries)

TEXT: A highly heat-resistant T 58 steel grade of the martensite type has been developed (0.16 - 0.2% C, 11.5 - 12.5% Cr, 2.0 - 2.5% W, 0.15 - 0.25% V, 0.5 - 1.0% Ni), which is used in the manufacture of forged gas turbine parts. Another newly developed heat-resistant T 59 grade steel (0.10 - 0.15% C, 11.5 - 13.5% Cr, 0.5 - 0.8% W, 0.10 - 0.20% V, 0.5 - 1.0% Ni) represents a transition grade between the classic steel with 12% Cr and its highly heat-resistant modification, and is suitable for the manufacture of cast parts operating at 600°C. After oil-hardening at 1,050°C and tempering at 680°C the T 58 grade steel has

Card 1/2

18-1151

1496 4016 1413

32411

Z/034/62/000/001/011/011
E073/E535

AUTHORS: Koutský, J., Engineer, Candidate of Science, Pokorný, R.,
Engineer and Vetyška, S.

TITLE: Stainless chromium steel with a high yield point
Czechoslovak Patent Application 18d, 1/30, PV 2062-61,
dated April 6, 1961

PERIODICAL: Hutnické listy, no.1, 1962, 64

TEXT: The steel is intended particularly for the blades of
the final stages of large steam turbines. In addition to
containing 11 to 15.5 wt.% Cr it contains 0.15 to 0.30% C, max.0.8%
Mn, max.0.6% Si, 1.0 to 2.0% Ni, 0.4 to 1.0% Mo, 0.6 to 1.5% W,
0 to 0.3% V, 0 to 0.8% Ti, 0 to 0.8% Nb. The minimum total
content of Ti and Nb is 0.30%. Furthermore, it contains 0 to
0.003% B, min.0.03% P and max.0.05% S. For final deoxidation of
this steel CaSi or ZrSi is used.

[Abstractor's note: Complete translation.]

Card 1/1

L 25721-65 ENT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(b)/EWP(1) JD
 ACCESSION NR: AP4047682 Z/0032/64/014/010/0763/0766

AUTHOR: Pokorny, R. (Engineer); Pribyl, J.

TITLE: Effect of interruptions on the results of creep strength tests

SOURCE: Strojirenstvi, v. 14, no. 10, 1964, 763-766

TOPIC TAGS: steel creep, creep resistance, creep test

ABSTRACT: Working at the Lenin Works (former Skoda Works) in Pilsen in 1961, the authors built a circular machine with 8 chains of 4 steel specimens each hanging under weighted-lever tension in a round resistance furnace at carefully regulated temperatures (see Fig. 1 of the Enclosure). A similar machine was built to hold 80 samples at once in 10 chains, each test rod being 32 mm long. Temperature was maintained at 600C with a maximum deviation of +2.5C and tension up to 1,000 kp. Four grades of steel (CSN 12 225, CSN 17 335, T 58 and T 58 A) in 155 identical dumbbell rods were tested at different heats and tensions for up to 10,000 hours, during which as many as 5 interruptions were caused by replacing ruptured samples. These tests proved that such sudden release from tension and the cooling substantially prolongs the time to rupture of certain samples, an effect which increased as the number of interruptions multiplied. By measuring stress

Cord 1/2

19
17
B

L 25721-65

ACCESSION NR: AP4047682

waves it was found that time to rupture was longest in samples farthest in the chain from the first rupture. Orig. art. has: 10 figures and 3 tables.

ASSOCIATION: ZVIL, Plzen

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NO REF SOV: 002

OTHER: 010

Card 2/3

POKORNY, Rudolf

Problems of the production of thin sheet containers and tubes
in Czechoslovakia. Tech praca 17 no.4:307-314 Ap '65.

1. Obal National Enterprise, Prague.

1000 B21/5
Petrá, F., and Pakorný, S.: Organická chemie pro
průmyslové školy chemické. Díl II. Praha: Státní
nakl. tech. lit. 1958. 272 s. 1 s. il. 1 s. tab. 1 s. příl.
16 Chem. listy 58. 1958. 16

POKORNY, S.

"Handbook of coating technique" by J. Gruber, A. Kubes,
C. Lvovsky, M. Svoboda, A. Trdlica, J. Trnka. Reviewed by
S. Pokorny. Chem prum. 14 no.1:56 Ja'64.

1. Vyzkumny ustav syntetickych pryskyric a laku.

15.8110

S/081/62/000/015/029/038
B168/B101

AUTHORS: Vraný, Miroslav, Pokorný, Stanislav

TITLE: A method of producing unsaturated polyester resins

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 569, abstract
15P232 (Czechoslovak Patent 95129, May 15, 1960)

TEXT: Multivalent unsaturated and saturated acids, or their derivatives, were esterified by means of multivalent alcohols and were hardened by copolymerization with unsaturated monomers. Saturated chlorinated addition products (Diels-Alder synthesis) of conjugated dienes with maleic or fumaric acid, or their derivatives, were used as acids. These were used either alone or mixed with ordinary acids and their derivatives. The polyesters obtained, or mixtures of them with other substances of high molecular weight, were hardened either at ordinary or at raised temperatures in the presence of the usual initiators. Hard gloss coats based on these resins have limited flammability, good fungicidal and insecticidal properties as well as increased heat resistance. The new polyesters combine well with different substances. Example: 98 g maleic anhydride, 535 g anhydride of 4,5-dichlorocyclohexane-1,2-dicarboxylic acid and Card 1/2

POKORNY, V.

"Well-Organized Mine Management and Output is the Main Task of the Czechoslovak Ore Mines and Petroleum Industry." p. 73 (Uhli A Rudy, Vol. 1, no. 4, Apr. 1951, Praha)

SO: Monthly List of ^{East European} ~~Russian~~ Accessions, Vol. 3, No. 3, Library of Congress, March ¹⁹⁵⁴ ~~1953~~, Uncl.

POKORNY, V.

Y-4E18

621.385.3.020.62
✓3003. CONSTRUCTION OF A SHORT-WAVE POWER TRIODE, 23
TYPE TESLA RD20XF. V. Pokorný.
Slaboproudý Obzor, Vol. 27, No. 12, 687-90 (1956). In Czech.
Constructional details of the valve are discussed and some photographs are shown. The valve has an anode dissipation of 20 kW,

maximum operating frequency of 100 Mc/s, mutual conductance of 15 mA/V, maximum anode voltage of 15 kV and a saturation current of 30 A. The cathode is made of thoriated tungsten and the anode is of pure copper. The valve is fitted with a very light and efficient air-cooling system, so that its total weight is 13.2 kgm. A set of anode characteristics of the valve is shown. R.S. Sidorowicz

37
yg

POKORNY, V.

1st National Conference of Consumers Goods Industry on Intra-Factory Transportation.
p. 245.

SYLAR A KERAMIK. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia,
Vol. 9, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1,
Jan. 1960.

Uncl.

POKORNY, V.

"Prophylaxis and Diseases in the Breeding of Calves", P. 761, (ZA
SOCIALISTICKE ZEMEDELSTVI, Vol. 4, No. 7/8, July/Aug. 1954, Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

POKORNY, V.

New diagnostic methods for determining tuberculosis in cattle.

p. 546 (Vestnik) Vol 4 no 10 1957. Praha, Czechoslovakia.

SO:: Monthly Index OF East European Accessions (EEAI) LC, Vol 7 no 1 Jan 1958

COUNTRY:	Czechoslovakia	80215
CATEGORY:		
ABS. JOUR.:	VEZDA, No. 22 1959, No.	80215
AUTHOR:	Pokorny, V. and Belica, J.	
INST.:	Czech Academy of Agricultural Sciences and Veterin-*	
TITLE:	The Technology of the Slaughtering and Processing of Cattle in the Vertical Position	
ORIG. PUB.:	Sb Ceskoslov Akad Zemed Ved Veterin Med, 4, No 3, 213-226 (1959)	
ABSTRACT:	No abstract.	

CARD: 1/1 *ary Medicine

POKORNY, V.

"Technology of sowing clover-grass combinations."

VESTNIK. Praha, Czechoslovakia, Vol. 5, No. 7/8, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

POKORNY, Vaclav, inženýr

International Conference on Basic Soil Cultivation. Vestník CSAZV 6
no.12:631-635 '59. (EEAI 9:4)

1. Vyzkumny ustav rostlinne vyroby Ceskoslovenske akademie zemedel-
skych ved, Brumy. (Tillage)
(Agriculture)

POKORNY, V.

"Age of Clay Balls and Origin of Fauna in the Tortonian Sands at Zabcice, Moravia, Extra-Alpine Neogene Basin. p. 1-7." (VESTNIK, 1951, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, IC, Vol. 3, No. 5, May 1951/Unclassified

POKORNY, V.

"The Middle Devonian Foraminifera of Celechovice, Czechoslovakia. In English. p. 1-29."
(VESTNIK, 1951, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

POKORNY, V.

"The ostracods of the so-called basal horizon of the subglobos beds at Hodonin." p. 229.
(Sbornik. Vol. 19, 1952. Praha.)

SO: Monthly List of East European Accessions, Vol.3, No.2, Library of Cong., Feb. 1954, Uncl.

POKORNY, V.

"Some Paleoeologic and Microbiostratigraphic Problems of the Tertiary in Moravia", P. 169, (SBORNIK. ODDIL PALEONTOLOGICKY, Vol. 20, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3, Mar 1955, Uncl.

POKORNY, V.

"Contribution to the Taxonomy of Paleozoic Ostracoda", P. 213, (SBORNIK.
ODDIL PALEONTOLOGICKY, Vol. 20, 1953, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3,
Mar 1955, Uncl.

POKORNY, V.

"Paleontologic Research on the Neocene Layers in the Area of Sucany-Klacany;
Preliminary Report." p. 81
(KARTOGRAFICKY PREHLED, Vol. 29, No. 2, 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

POKOTNY, V.

Discoveries of Upper Cretaceous layers in the Zdenice Flysch near Strilky in Kromeriz District. p.114.

VESTNIK, Prague, Vol. 29, no. 3, 1954.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 6 June 1956, Uncl.

POKORNY, V.

Microstratigraphic classification of the Eocene layers containing planktonic Foraminifera in the area of the Zdanice Forest. p. 266.
VESTNIK, Prague, Vol. 29, no. 6, 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

POKORNY, V.

GEOGRAPHY & GEOLOGY

Vol. 3, no. 3, 1958.

Pokorny, V. Determination of the age of the cretaceous sediments at Pavlovske kopce. p. 299.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1,
Jan. 1959.

POKORNY, V.

GEOGRAPHY & GEOLOGY

Periodicals: CASOPIS PRO MINERALOGII A GEOLOGII Vol. 3, no. 4, 1958

POKORNY, V. Lenticulina (Robulus) zuratkensis n. sp., a characteristic species from the Upper Oligocene of the Zdanice Flysch. p. 422.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

POKORNY, V.

GEOGRAPHY & GEOLOGY

Periodicals: CASOPIS PRO MINERALOGII A GEOLOGII Vol. 3, no. 4, 1958

POKORNY, V. Conodonts, p. 473.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

POKORNY, V.

"Contribution of the micro-paleontology to the solution of the tectonic problems of the Pavlov Hills."

CASOPIS PRO MINERALOGII A GEOLOGII., Praha, Czechoslovakia., Vol. 4, No. 1, 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclass

POLOREY, V.

"Finds of Foraminifera in the Hlubočepý limestone beds (Eifelian)."

CASOPIS PRO MINERALOGII A GEOLOGII, Praha, Czechoslovakia, Vol. 4, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959.

Unclassified.

CZECHOSLOVAKIA

POKORNY, V.

Natural Sciences Faculty of Charles University (Přirodovědecká
fakulta Karlovy university), Prague

Prague, Casopis pro mineralogii a geologii, No 1, 1964, pp 119-
120

"Symposium on the Ecology and Paleocology of Ostreods."

CZECHOSLOVANIA

POKORNY, V.

Department of Paleontology of Charles University (Katedra
paleontologii Karlovy university), Prague

Prague, Casopis pro mineralogii a geologii, No 1, 1965, pp
51-55

"New Trachyleberidinae (Ostracoda, Crustacea) from the
Coniacian of Bohemia."

SEBEN, K.; SIBILEKOVÁ, V.; KERNY, V.

Ultrastructure of the surface of multiple scars in *Saccharomyces ludwigii*. Folia microbiol. (Praha) 9 no.4:358-360 N '64.

1. Department of Technical Microbiology and Laboratory of Electron Microscopy, Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 4.

POKORNY, V.

New solder for pulse soldering. El tech cas 15 no.2:
120-122 '64.

CZECHOSLOVANIA

POKORNY, V.

Prague, Casopis pro mineralogii a geologii, No 4, 1963, pp
345-352

"On the State and Future Tasks of Czechoslovak Paleontology."

POKORNY, V.; NOVAK, E.; LULAYOVA, S.

Analysis of expenses for drugs in the pediatric clinic in
Mlada Boleslav from the viewpoint of effective drug therapy.
Cesk. pediat. 18 no.6:530-535 Je '63.

1. Detske oddeleni OUNZ v Mlade Boleslavi, vedouci MUDr.
V. Pokorny.

(DRUG THERAPY) (PEDIATRICS)
(ECONOMICS, HOSPITAL)

SULCOVA, J.; POKORNY, V.

Analysis of drug expenses in the outpatient department of a
pediatric clinic from the viewpoint of effective drug therapy.
Cesk. pediat. 18 no.6:536-541 Je '63.

1. Detske oddeleni OUNZ v Ml. Boleslavi, vedouci MUDr.
V. Pokorny.

(DRUG THERAPY) (PEDIATRICS)
(HOSPITAL OUTPATIENT SERVICE)
(ECONOMICS, HOSPITAL)

CZECHOSLOVAKIA

POKORNY, V.

Prague, Casopis pro mineralogii a geologii, No 3, 1963,
pp 272-280

"Multivariational Analysis in Paleontological Practice."

NOVAK, E.; POKORNY, V.

Cystinolysinuria. Cesk. pediat. 18 no.1:49-54 Ja '63.

1. Detske oddeleni OUNZ v Mlade Boleslavi, prednosta MUDr. V. Pokorny.
(CYSTINURIA) (PROTEIN METABOLISM DISORDERS)

MICHALICEK, Vaclav, inz.; POKORNY, Vaclav

Experience with panel supports in the deep mines of the north-Bohemian lignite basin. Uhli 5 no.3:92-94 Mr '63.

1. Banske stavby, n.p., zavod 02 hlubiny, Teplice v Cechach.

POKORNY, Vilem, inz.

Concrete plant AN 15. Poz stavby 10 no.12:664-668 D '62.

1. Vyzkumny ustav stavebnich a keramickych stroju, Brno.

POKORNY, Vladimir, inz.

Electric measurement of drive in the blooming mills of the
enterprise "Nova Hut Klementa Gottwalda". Hut listy 16
no.2:113-120 F '61.

1. Nova Hut Klementa Gottwalda, Ostrava ~ Kuncice.

POKORNY, Vladimir, inz.; HEM, Vaclav, inz.

Improvement of the power factor in metallurgical works.
Energetika Cz 14 no.9:445-449 S '64.

1. Nova hut Klementa Gottwalda National Enterprise, Ostrava-Kuncice.

POKORNY, Vladimir

Oertliella and Spinicythereis, new ostracod genera from the
Upper Cretaceous. Vest Ust geol 39 no.4:283-284 '64.

1. Chair of Paleontology, Charles University, Prague.

POKORNY, Vlastimil, inz.

Symposium on nonlinear oscillations in Kiev, September
12-18, 1961. Zpravodaj VZLU no.6:11-13 '61.

Z/040/61/000/001/001/002
A201/A126

AUTHOR: Pokorný, Vlastimil, Engineer

TITLE: Vertical or short take-off?

PERIODICAL: Letecký obzor, no. 1, 1961, 6 - 8

TEXT: The article deals with the advantages and disadvantages of VTOL and STOL aircraft and the "price" that has to be paid for the vertical take-off and landing. The principal considerations favoring the use of VTOL and/or STOL aircraft are the following: (1) Reduction of airfield size; possibility of operation from unprepared surfaces; and keeping the size of airfields within reasonable limits despite increasing speeds and weights of modern aircraft. (2) Reduction of time losses due to the transport from the airfields which, as a rule, cannot be located in the immediate vicinity of the actual destination due to their present dimensions. (3) Greater possibilities of maintaining regular air traffic in bad weather. The problems and implications of the VTOL and STOL aircraft can be summarized as follows: (1) The transition from the short to the vertical take-off and landing has to be "paid for" by the reduction of the payload and by increased difficulties in securing adequate stability, controllability and safety of the aircraft. (2) It may be assumed that the development trend of STOL aircraft will

Card 1/2

GOSTOF, R., MUDr.; POKORNY, V., MUDr.

Dispensary services in diseases of the urinary system. Zdrav. aktuality
no.147:67-80 '61.

(UROLOGY) (HOSPITAL OUTPATIENT SERVICE)
(PEDIATRICS hosp & clin)

POK RHY, V.

"BULLOUS Emphysema in Children." (Children's Department of the
Jung Bunzlau Kreis Hospital]

SO: Ped. listy, Prague, Vol. 3 (1953), No. 6, pp. 324-329.

POKORNY, V.

POKORNY, V. AND J. VINTERA

"Contribution to the Question of the Origin of Feer's Disease."
(Children's Department of the Jungbunzlau Hospital).

SO: Ped. listy, Prague, Vol. 3 (1953), No. 6, pp. 337-339.

POKORNY, Vilem., MUDr.

Work methods of the head of a district pediatric center.
Cesk. pediat. 11 no.1;60-68 Feb 56.

1. Detske odd. nemocnice Mlada Boleslav

(PEDIATRICS

work distribution of head of district pediatric center)

(PUBLIC HEALTH

sane)

POKORNY, Vilem, Dr.

Acute idiopathic acquired hemolytic anemia (Lederer-Brill type).
Cesk. pediat. 12 no.1:60-64 Jan 57.

1. Detske oddeleni OUNZ Mlada Boleslav, prednosta MUDr.
Vilem Pokorny.

(ANEMIA, HEMOLYTIC, in inf. & child
acute idiopathic, acquired, of Lederer-Brill type (Cz))

POKORNY, V.

POKORNA, H.; POKORNY, V.

Staphylococcal pneumonia in childhood. Cesk. pediat. 12 no.2:
111-117 Feb 57.

1. Detske oddeleni OUNZ, Mlada Boleslav, prednosta MUDr
Vilem Pokorny.

(PNEUMONIA, in inf. & child

micrococcal, clin. manifest. & ther. (Cz))

(MICROCOCCAL INFECTIONS, in inf. & child

pneumonia, clin. manifest. & ther. (Cz))

POKORNA, H.; POKORNY, V.

~~POKORNY, V.~~
Pulmonary bullae in the course of infantile staphylococcal pneumonia. Cesk. pediat. 12 no.2:117-120 Feb 57.

1. Detske oddeleni OUNZ Mlada Boleslav. Prednosta MUDr. Vilem Pokorny.

(PNEUMONIA, in inf. & child

micrococcal, bullous (Cz))

(MICROCOCCAL INFECTIONS, in inf. & child
pneumonia, bullous (Cz))

POKORNY, Vilem, MUDr.; POKORNA, Herta, MUDr.

Problems in hospitalization of children. Cesk. zdravot. 6 no.6:299-304
June 58.

1. Detske oddeleni OUNZ Mlada Boleslav.
(PEDIATRIC DISEASES, statist.
'hospitalization, analysis (Cz))

POKORNY, VLADIMIR

Czechoslovakia/Chemical Technology - Chemical Products and Their Application. Food Industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63703

Author: Dobes, Miroslav; Pokorny, Vladimir

Institution: None

Title: The Effects of Penicillin on the Meat Salting Process

Original

Periodical: Vliv penicilinu na prubeh nakladani masa. Sbor. Vysoke skoly zemed. a Lesn. fak. Brne, 1954, B2, No 3-4, 117-127; Czech; Russian and English resumés

Abstract: Study of the effects of Na-salt of penicillin (I) on the meat salting process with specific reference to the microflora of the brine. It was found that I prevents the growth not only of undesirable microbes saprophytes but also some of the cultivated. Therefore I cannot be used to improve salting of meat without preliminary isolation of resistant denitrifying strains. I lowers by ~14 times the amount of nitrates in the brine and therefore the salted meat does not acquire

Card 1/2

POKORNY, VLADIMIR.

(Contribution to the morphology and taxonomy of the subfamily Hemicytherinae part.
In English. 1st ed. Czech and Russian summaries. illus., bibl.)

Prague, Czechoslovakia, Universita Karlova. Acta, 3, 1955, 35 p.

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas.

POKORNY, V.

The microflora of rye leaven.

p. 177

Vol. 6, no. 4, 1955

PRUMYSL POTRAVIN

Praha

SO: Monthly list of East European Accessions (EEAL), LC. VOL. 5, no. 3
March 1956

CZECHOSLOVAKIA/Chemical Technology - Fats and Oils. Waxes. Soaps. H-25
Detergents. Flotation Agents.

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83122

Author : Pokorny, V.

Inst : -

Title : The Preparation and Accumulation of a Raw Material for
the Liquefaction of Swine Fat.

Orig Pub : Prumysl potraviny, 1955, 6, No 7, 326-331.

Abstract : It is recommended that for the preparation and storage of
swine fat raw material, which is meant for the production
of melted fat, to remove it from the carcass not earlier
than 18 hours after slaughtering, to cool it to $\leq 4^{\circ}\text{C}$.
and to avoid a long storage.

Card 1/1

POKORNY, V.

Spoilage of bakery products through bacterial activity. p. 400.

PRUMYSL POTRAVIN, Praha.

Vol. 6, no. 8, 1955.

SOURCE:: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

POKORNY, V.

POKORNY, V. Production of lard in the Polish People's Republic. p. 377.
Vol. 7, no. 8, 1956. PRUMYSL POTRAVIN. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

MISUREC, Rudolf; POKORNY, Vladimir

A case of apneic pause in general anesthesia caused by neomycin.
Rozhl. chir. 40 no.4:241-243 Ap '61.

1. Chir. oddeleni OUNZ Decin, prednosta MUDr. jiri Rousek.

(ANESTHESIA GENERAL compl) (APNEA etiol)
(NEOMYCIN toxicol)

CZECHOSLOVAKIA

UDC: 616.728.3-031.63-001.43

POKORNY, Vladimir, MD; Traumatological Research Institute (Vyzkumny ustav traumatologicky), Brno; director, J. KROUPA, MD, CSc

"Open Injuries in the Knee Region."

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 5, Oct 66, pp 216-218

Abstract [Czech summary, modified]: Open injuries in the knee region still pose difficult problems in traumatology. Certain treatment procedures are described that have been tested with good results at the author's institute. Special attention is devoted to the primary treatment of skin defects and damaged synovial bursae and ligaments of the para-articular structure. The favorable experience with primary suturing of the capsule and with osteosynthesis in the case of intra-articular fractures is emphasized. Timely evacuation punctures are important to prevent gonarthritic complications in the case of intra-articular hematoma. Methods and periods of immobilization are given for various types of injuries. Administration of antibiotics is recommended. Three Western and two Soviet-bloc references.

1/1

L 63970-65 EMP(k)/EMP(h)/EMA(d)/EMP(l)/EMP(v)

ACCESSION NR: AP5020712

CZ/0057/64/000/012/0588/0592

AUTHOR: Pokorny, Vladimir (Engineer)

32
B

TITLE: Reconstruction of auxiliary drives in block line no. 1 at the Klement
Gottwald Works

SOURCE: Hutnik, no. 12, 1964, 588-592

TOPIC TAGS: metalworking machinery, drive train, electric motor, semiconductor
device

Abstract: Proposed changes that will be made during the reconstruction of the main driving machinery at the plant are discussed. Only 40% of the actual time during which the material passes through the line at present are used, as compared to 50 - 55% that could be obtained; this will require the installation of drives capable of a more sustained operation rate and of frequent start ups. Motors with forced cooling water circulation are discussed. Transformers, magnetic amplifiers, and semiconductor regulators for synchronous drivers are discussed. Semiconductors have a higher efficiency, do not need transformers and warming up periods. The most important drive is the one for the upper

Card 1/2

L 63970-65

ACCESSION NR: AP5020712

roller. Details of the reconstruction of the plant are described.
Because of the long delays of deliveries of slow running motors,
speed reducing gears will be used. Orig. art. has 2 figures and 2 graphs.

ASSOCIATION: NHKG, Ostrava

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, EE

NO REF SOV: 000

OTHER: 003

JPRS

KC
Card 2/2

POKORNY, Vladimir

Present state and future tasks of Czechoslovak paleontology.
Cas min geol 8 no.4:345-352 0 '63.

POKORNY, Vladimir

"Postpalaeozoic Ostracoda; their morphology, taxonomy and economic use" by F.P.C.M. van Morkhoven. Reviewed by Vladimir Pokorny.
Cas min geol 9 no. 1:67-68 '64.

Symposium on the ecology and paleoecology of ostracods. Ibid.:
119-120

1. Prirodovedecka fakulta Karlovy university.

POKORNY, Vladimir

The revision of *Cythereis ornatissima* (Reuss, 1846)
(Ostracode, Crustacea). Rozprawy mat CSAV 73 no. 6: 1-59
1963.

1. Department of Paleontology, Charles University,
Albertov 6, Prague and Geological Institute,
Czechoslovak Academy of Sciences, Prague.

POKORNY, Vladimir

The characteristics of Oligomiocene layers on the border zone
of Zdanice Forest. Cas min geol 7 no.3:296-300 '62.

POKORNY, Vladimir

"Fossils in Bulgaria" by Em. Kojumdzieva, B. Strasimirov.
Pt. 7: "Tortonian." Reviewed by Vladimir Pokorny. Cas min
geol 7 no.3:377-378 '62.

POKORNY, Vladimir

"Studies on the marine Pleistocene" by Horace G. Richards.
Reviewed by Vladimir Pokorny. Cas min geol 8 no.3:332-333
Jl '63.

POKORNY, Vladimir

On the 60th birthday of Professor Josef Augusta. Cas min geol
8 no.3:309-321 JI '63.

POKORNY, Vladimir

Multivariation analysis in paleontologic practice. Cas min geol
8 no.3:272-280 J1 '63.

1. Prirodovedecka fakulta Karlovy university, Praha 2, Albertov 6.

POKORNY, Vladimir

"Paleontology of invertebrates." Reviewed by Vladimir Pokorny.
Cas min geol 8 no.3:325-326 J1 '63.